

## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought on the invention entitled

### **IMPROVED MODE SELECTION AND FREQUENCY TUNING OF A LASER CAVITY,**

the specification of which  was filed on September 22, 2006 as Application Serial No. 10/593,777.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known to me to be material to patentability in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365 (b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

<b>Prior Foreign Application(s):</b>		<b>Foreign Filing Date</b>
<u>Number</u>	<u>Country</u>	<u>Month/Day/Year</u>

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I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

<b>Application Number(s):</b>	<b>Filing Date (Month/Day/Year)</b>
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I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

<b>Prior U. S. Application or PCT Parent Number</b>	<b>Filing Date (Month/Day/Year)</b>	<b>Parent Patent Number (if applicable)</b>
<u>PCT/GB2005/001172</u>	<u>03/21/2005</u>	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the attorney(s) and/or agent(s) associated with Customer Number 34610 to prosecute this application and transact all business in the Patent and Trademark Office.

**Direct all correspondence to Customer Number 34610**

\*\*\*\*\*

Full name of joint inventor(s): **Richard H. ABRAM**

Inventor's signature: (x) *Richard Abram*

Date: (y) 13/12/06

Mailing Address: 1/3 Drumsheugh Gardens, Edinburgh EH3 7QJ, United Kingdom

Citizenship: UK

Residence: SAME AS ABOVE

\*\*\*\*\*

Full name of joint inventor(s): **Kyle S. GARDNER**

Inventor's signature: (x) *Kyle Gardner*

Date: (y) 20-12-06

Mailing Address: 10 Kirdkene Plane, Newton Mearns, Glasgow, G77 5SB, UK

Citizenship: UK

Residence: SAME AS ABOVE

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Full name of joint inventor(s): **Erling RIIS**

Inventor's signature: (x) *Erling Riis*

Date: (y) 20-12-06

Mailing Address: 8 Campsie Dene Road, Blanefield G63 9BN, UK

Citizenship: UK

Residence: SAME AS ABOVE

\*\*\*\*\*

RECORDATION FORM COVER SHEET

DOCKET NO.: KC-0189

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Richard H. ABRAM; Kyle S. GARDNER and  
Erling RIIS

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 12/13/06; 12/20/06 and 12/20/06

Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

2. Name and address of receiving party(ies):

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_  
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\_\_\_\_\_  
\_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Country: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):  This document is being filed together with a new application

A. Patent Application No(s). 10/593,777

Filed: September 22, 2006

B. Patent No(s)

07/10/2007 MKAYPAGH 00000125 10593777

02 FC:8021

40.00  Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: KED & ASSOCIATES, LLP

Internal Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Street Address: P. O. Box 221200

City: Chantilly

State: VA ZIP: 20153-1200

Phone Number: (703) 766-3777

Fax Number: (703) 766-3644

E-mail Address: fkemail@ked-iplaw.com

6. Total number of applications and patents involved:

7. Total fee (37 C.F.R. 1.21(h) & 3.41) \$40.00

Authorized to be charged by credit card

Authorized to be charged to deposit account  
(if necessary)

Enclosed (Check No. \_\_\_\_\_)

None required (government interest not affecting title)

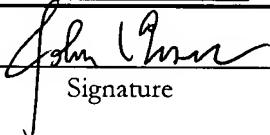
8. Payment Information

a. Credit Card Last 4 Numbers 0243  
Expiration Date April 2010

b. Deposit Account Number: 16-0607

Authorized User Name: Daniel Y.J. Kim

9. Signature: \_\_\_\_\_

  
Signature

John C. Eisenhart

Name of Person Signing

July 9, 2007

Date

Total number of pages including cover sheet, attachments, and documents:

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ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

1. Richard H. ABRAM 4. \_\_\_\_\_  
2. Kyle S. GARDNER 5. \_\_\_\_\_  
3. Erling RIIS 6. \_\_\_\_\_

who have made a certain new and useful invention, hereby sell, assign and transfer unto

UNIVERSITY OF STRATHCLYDE  
16 Richmond Street  
Glasgow, G1 1XQ  
United Kingdom

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

IMPROVED MODE SELECTION AND FREQUENCY TUNING OF A LASER CAVITY

(a) for which an application for United States Letters Patent was filed on September 22, 2006, and identified by United States Serial No. 10/593,777; or

(b) for which an application for United States Letters Patent was executed on \_\_\_\_\_,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and/or that claim priority thereto and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof and/or that claim priority thereto, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

AND the undersigned hereby grants the firm of FLESHNER & KIM, LLP the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of any issuing authority, including the United States Patent and Trademark Office, for recordation of this document.

SIGNED on the dates indicated aside our signatures:

**INVENTORS**

1) (X) Richard Abram  
Richard H. Abram

2) (X) Kyle Gardner  
Kyle S. Gardner

3) (X) Erling Riis  
Erling RIIS

4) \_\_\_\_\_

5) \_\_\_\_\_

6) \_\_\_\_\_

**DATE SIGNED**

(Y) 13/12/06

(Y) 20-12-06

(Y) 20-12-06

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